

Faculty Name: Mr. Amit Kumar Rana

Address for correspondence:
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Kolkata – 700075

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Date of Birth: 15/02/1981

Educational Qualification:

Madhyamik	First Div
H.S.	First Div.
B.E. in Mechanical Engineering from Jalpaiguri Govt. Engg. College ,NBU	First Class
M.E. in Mechanical Engg. in the specialization of Applied Mechanics from Jadavpur University,kolkata	First Class

Topic of Master Degree Thesis :

Ductile crack growth prediction in Carbon Steel pipe using EPRI method.

Awards and achievements in academics :

National Scholarship of Merit

Computer Knowledge:

- Working exposure in Windows environment with hands-on knowledge on MS-Office, Origin, MATLAB
- In Mechanical software in FEA (Finite Element Analysis) package ADINA, WARP3D (3-D Nonlinear Fracture Analysis of solid) are areas on which I worked mainly, also have basic knowledge on ANSYS.

Additional Knowledge:

Basic knowledge of Bluehill and Fast Track software's in Instron 8800 machine for testing of different tensile test, low cycle fatigue etc tests.

Work Experience:

Engineer(Project)	Batliboi Environmental Engineering Limited, Kolkata	Jan,2005- Jul,2006
Lecturer	BPPIMT ,kolkata	Aug,2008 –till date

Responsibilities:

- Teaching, evaluation, tutorials for independent as well as multi-section courses at Under Graduate level.
- Text book evaluation.
- Development of Laboratory manual, Laboratory experiments design.

Current Research Interest:

- Fracture Mechanics
- Plasticity

Extracurricular:

- Interests: Nature Study
- Hobbies: Playing Football, Listening Music.

My Strengths:

- Capability to add value to whatever I do
- Love for learning and a habit of innovating
- Speed and agility to take any challenge with confidence
- Self –motivated, believe in teamwork, able to achieve results and live up to expectations.